

**In the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A product capable of having anti-inflammatory properties, wherein said product is obtainable from starfish, wherein said product is glycoprotein, wherein said glycoprotein has a molecular weight of about 1,100 kDa as measured by 3% polyacrylamide gel electrophoresis, wherein the glycoprotein exhibits at least one characteristic selected from the group consisting of:
    - a) sensitivity to the action of chondroitinase ABC I,
    - b) sensitivity to the action of N-glycanase,
    - c) resistance to the action of chondroitinases ACI and B,
    - d) resistance to the action of proteinase K,
    - e) resistance to the action of papain, and
    - f) sensitivity to the action of neuraminidase.
  2. (Previously presented) A product according to claim 1 wherein said product is obtainable from the mucus secretions of the starfish.
  3. (Previously presented) A product according to claim 1 wherein the starfish is *Marthasterias glacialis*.
- Claims 4-6 (Canceled)
7. (Original) A product according to claim 1, said product not having significant anticoagulant properties.

8. (Currently amended) A method for the preparation of a product capable of having anti-inflammatory properties, wherein said product is obtainable from starfish, wherein said product is glycoprotein, wherein said glycoprotein has a molecular weight of about 1,100 kDa as measured by 3% polyacrylamide gel electrophoresis, wherein the glycoprotein exhibits at least one characteristic selected from the group consisting of:

- a) sensitivity to the action of chondroitinase ABC I,
- b) sensitivity to the action of N-glycanase,
- c) resistance to the action of chondroitinases ACI and B,
- d) resistance to the action of proteinase K,
- e) resistance to the action of papain, and
- f) sensitivity to the action of neuraminidase

according to claim 44, said method comprising:

- a) collecting mucus from *Marthasterias glacialis*,
- b) removing particulate material by centrifugation,
- c) subjecting the supernatant to column chromatography,
- d) eluting the product from the chromatography column of (c), and
- e) optionally dialysing said eluted product against distilled water.

9. (Canceled)

10. (Canceled)

11. (Original) A pharmaceutical comprising the product of claim 1.

Claims 12-19 (Canceled)

20. (Previously presented) A composition comprising a glycoprotein obtainable from the mucus secretions of *Marthasterias glacialis* which exhibits a molecular weight of

about 1,100 kDa as measured by 3 % polyacrylamide gel electrophoresis, and is sensitive to the action of chondroitinase ABC I, sensitive to the action of N-glycanase, sensitive to the action of neuraminidase, resistant to the action of chondroitinases ACI and B, resistant to the action of proteinase K, and resistant to the action of papain.